

# Converting Colors

Hex(84524C)

Have a look what the booklet for  
Hex(84524C) contains.

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**Color**

**Hex(84524C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84524C
RGB	132, 82, 76
RGB Percent	52%, 32%, 30%
CMY	0.4824, 0.6784, 0.7020
CMYK	0.00, 0.38, 0.42, 0.48
HSL	6°, 27%, 41%
HSV	6°, 42%, 52%
XYZ	13.8375, 11.4619, 8.3205
YIQ	96.2660, 31.7260, 8.7340

# Conversions

## Conversions Part 2

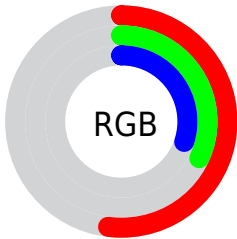
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 83, 76
Decimal	8671820
CIE Lab	40.35, 20.15, 12.28
CIE LCh	40, 23.601, 31.354
Yxy	11.4619, 0.4116, 0.3409
Android (android.graphics.Color)	4286861900 (0xFF84524C)
YUV	96.2660, -9.9911, 31.3387
Hunter-Lab	33.8555, 13.7101, 9.1273

# Details

The Hex color **84524C** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **4C7E84**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **BB847D**, and **502420** is the 20% darker color. If you saturate the color by 10%, you get **84463F**, and if you desaturate by 10%, it is **845E59**.

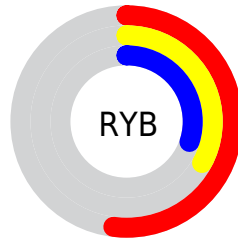
# Distribution



Red (52%)

Green (32%)

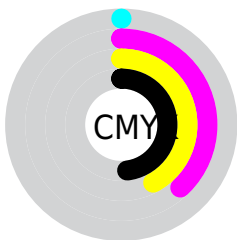
Blue (30%)



Red (52%)

Yellow (33%)

Blue (30%)

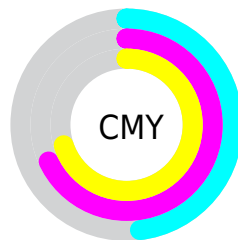


Cyan (0%)

Magenta (38%)

Yellow (42%)

Black (48%)



Cyan (48%)

Magenta (68%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84524C changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 84524C by changing the saturation by 10% instead.



 84524C

 84524C

FFFFFF

 6A3B35

 BB847D

 502420

 D79E97

 380E09

 F4B9B1

 230001

 FFD5CD

 000000

 FFF2E9

 84524C

 84524C

 84463F

 845E59

 843A32

 846A66

 842F24

 847574

 842317

 848181

 84170A

 848D8E

 840E00

 84999B

 84A5A8

 84B0B6

 84BCC3

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84505F



84524C



7B583E

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84524C



40684C



456185

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



84524C



4C7E84

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



256680



84524C



27695F

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84524C



57643E



146972



635A80

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84524C



715C39



146972



3A6385



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



84524C



AB9795



844C7E



574A49



D6D6D6



575757



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



84524C



AB5D54



846E4C



423C3C



820E00



030000



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4C7E84



54A2AB



4C6284



3C4242



007482



000203



# Previews

## White Background



This preview shows how the Hex color 84524C looks on a white background.

## Color Contrast Check

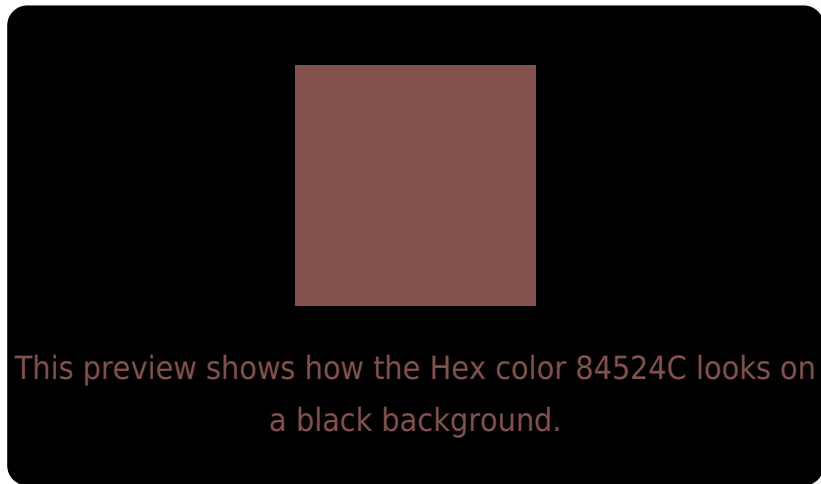
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 84524C Background



This preview shows how black text looks on a background with the Hex color 84524C.



This preview shows how white text looks on a background with the Hex color 84524C.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
84524C

**Protanopia**  
645F52

**Deuteranopia**  
705C4A



**Tritanopia**  
855056

# Trichromacy



**Original Color**  
84524C

**Protanomaly**  
705A50

**Deuteranomaly**  
77584B

**Tritanomaly**  
855152

# Monochromacy



**Original Color**  
84524C

**Achromatopsia**  
606060

**Achromatomaly**  
6D5B59

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84524C is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #84524C looks like.

```
.text, #text, p{  
    color:#84524C  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #84524C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84524C
}
```

## Border

The CSS property to change the border of an element to Hex 84524C is called "border". The border property can be set on classes, ids or directly on the HTML element.

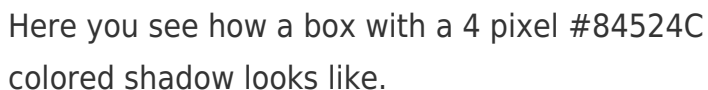
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#84524C }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#84524C }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #84524C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84524C; -webkit-box-shadow:4px 4px  
4px 4px #84524C; box-shadow:4px 4px 4px  
4px #84524C }
```

# Background

The CSS property to change the background color of an element to Hex 84524C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84524C }
```

If only the background color should be changed can be used:

```
.background{ background-color:#84524C }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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